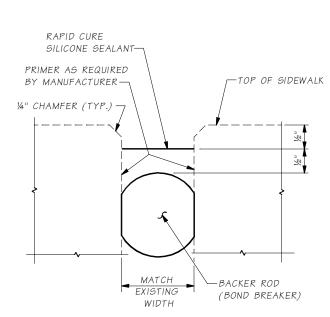


NOTE TO DESIGNER:
CONSTRUCTION STEPS ARE FOR
USE WHEN APPLYING A MODIFIED
CONCRETE OVERLAY ONLY.

CONSTRUCTION STEPS:

- 1. REMOVE EXISTING POURED RUBBER & JOINT FILLER MATERIAL FROM EXPANSION JOINT.
- 2. CLEAN SIDES AND BOTTOM OF JOINT OPENING TO CLEAN AND SOUND CONCRETE.
- 3. BLOW JOINT OPENING WITH OIL-FREE COMPRESSED AIR TO REMOVE LAITANCE AND DEBRIS FROM REMOVAL OPERATIONS.
- 4. PLACE FORM IN EXISTING JOINT OPENING TO A HEIGHT LEVEL WITH THE FINAL ROADWAY ELEVATION.
- 5. PLACE MODIFIED CONCRETE OVERLAY TO FINAL RDW'Y ELEVATION.
- 6. REMOVE FORM FROM JOINT OPENING AND LIGHTLY SANDBLAST TO REMOVE ALL RESIDUE.
- 7. PLACE AN APPROPRIATELY SIZED BACKER ROD TO THE CORRECT DEPTH IN JOINT OPENING IN ACCORDANCE WITH SEALANT MANUFACTURER'S DIRECTIONS.
- 8. PLACE RAPID CURE SILICON SEALANT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.



TOP OF CURB & SIDEWALK

BACKER ROD CONTINUOUS

EXTEND UP CURB-

SECTION

CURB & SIDEWALK

RETROFIT AT

-RAPID CURE SILICONE

TOP OF MODIFIED

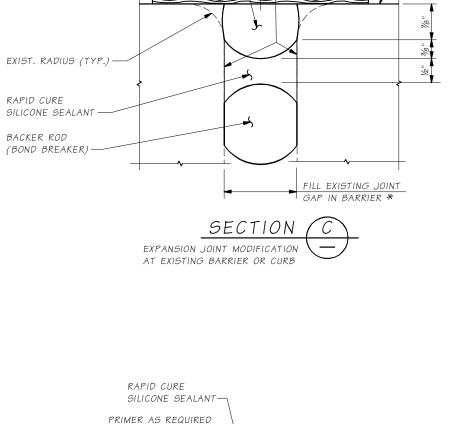
CONCRETE OVERLAY

SEALANT PER

MANUFACTURER'S DIRECTION

EXPANSION JOINT DETAIL

EXPANSION JOINT MODIFICATION
AT SIDEWALK



JOINT

TEMPORARY BACKER ROD

TRIMMED AS REQ.'D TO FORM JOINT-

BY MANUFACTURER -

14" EDGER (TYP.)-

- PRIMER AS REQUIRED

BY MANUFACTURER

TEMPORARY FORM

AS REQ. TO FORM JOINT

FACE OF BARRIER

EXPANSION JOINT DETAIL

MATCH

EXISTING

EXPANSION JOINT MODIFICATION AT ROADWAY SLAB

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ž	Bridge Design Engr.	M:\STANDARDS\Expansion Joints\SILICONE SEAL DETAILS.man									Τ
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	Detailed By					TOPA	II IMPED			.	
	Bridge Projects Engr.					JOB NUMBER					
	Prelim. Plan By										
	Architect/Specialist	DATE	REVISION	BY	APP'D						

BRIDGE AND STRUCTURES OFFICE



EXPANSION JOINTS

SHET

SILICONE SEAL EXPANSION

JOINT DETAILS

SHEETS

BACKER ROD

(BOND BREAKER)

- MODIFIED CONCRETE

OVERLAY (TYP.)

SHEET SHEET

9.1-A3-1

Tue Mav 08 06:58:14 2012